Misc Stream Valley Improvements -- No. 807359

Category Agency Planning Area Conservation of Natural Resources

Environmental Protection Countywide

Date Last Modified
Previous PDF Page Number
Required Adequate Public Facility

January 6, 2004 5-8(03 App)

Relocation Impact None

EXPENDITURE SCHEDULE (\$0

			EXPENDIT	JKE SCHE	:DULE (\$0	UU)				
Total	Thru FY03	Est. FY04	Total 6 Years	FY05	FY06	FY07	FY08	FY09	FY10	Beyond 6 Years
	_									_
3,995	0	998	2,997	722	455	455	455	455	455	U
35	0	5	30	5	5	5	5	5	5	0
0	0	0	0	0	0	0	0	0	0	0
6,850	0	1,862	4,988	1,313	735	735	735	735	735	0
								7		
10,880	0	2,865	8,015	2,040	1,195	1,195	1,195	1,195	1,195	*
			FUNDING	G SCHEDL	JLE (\$000)					
4,722	0	1,422	3,300	550	550	550	550	550	550	0
3,338	0	998	2,340	390	390	390	390	390	390	0
2,820	0	445	2,375	1,100	255	255	255	255	255	0
		ANNU	AL OPERA	TING BUD	GET IMPA	CT (\$000)				
			48	13	7	7	7	7	7	0
			48	13	7	7	7	7	7	0
	3,995 35 0 6,850 10,880 4,722	Total FY03 3,995 0 35 0 0 0 6,850 0 10,880 0 4,722 0 3,338 0	Thru FY03 FY04 3,995	Thru Fy03	Thru FY03	Thru FY03 FY04 6 Years FY05 FY06 3,995 0 998 2,997 722 455 35 0 5 30 5 5 0 0 0 0 0 0 0 0 0 6,850 0 1,862 4,988 1,313 735 10,880 0 2,865 8,015 2,040 1,195 FUNDING SCHEDULE (\$000) 4,722 0 1,422 3,300 550 550 3,338 0 998 2,340 390 390 2,820 0 445 2,375 1,100 255 ANNUAL OPERATING BUDGET IMPA	Total FY03 FY04 6 Years FY05 FY06 FY07 3,995 0 998 2,997 722 455 455 35 0 5 30 5 5 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <td>Total FY03 FY04 6 Years FY05 FY06 FY07 FY08 3,995 0 998 2,997 722 455 455 455 35 0 5 30 5 5 5 5 0 0 0 0 0 0 0 0 0 0 0 0 6,850 0 1,862 4,988 1,313 735 735 735 10,880 0 2,865 8,015 2,040 1,195 1,195 1,195 FUNDING SCHEDULE (\$000) 4,722 0 1,422 3,300 550 550 550 550 3,338 0 998 2,340 390 390 390 390 2,820 0 445 2,375 1,100 255 255 255 ANNUAL OPERATING BUDGET IMPACT (\$000)</td> <td>Thru FY03 FY04 6 Years FY05 FY06 FY07 FY08 FY09 3,995 0 998 2,997 722 455 455 455 455 455 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>Thru FY03 FY04 6 Years FY05 FY06 FY07 FY08 FY09 FY10 3,995 0 998 2,997 722 455 455 455 455 455 455 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td>	Total FY03 FY04 6 Years FY05 FY06 FY07 FY08 3,995 0 998 2,997 722 455 455 455 35 0 5 30 5 5 5 5 0 0 0 0 0 0 0 0 0 0 0 0 6,850 0 1,862 4,988 1,313 735 735 735 10,880 0 2,865 8,015 2,040 1,195 1,195 1,195 FUNDING SCHEDULE (\$000) 4,722 0 1,422 3,300 550 550 550 550 3,338 0 998 2,340 390 390 390 390 2,820 0 445 2,375 1,100 255 255 255 ANNUAL OPERATING BUDGET IMPACT (\$000)	Thru FY03 FY04 6 Years FY05 FY06 FY07 FY08 FY09 3,995 0 998 2,997 722 455 455 455 455 455 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Thru FY03 FY04 6 Years FY05 FY06 FY07 FY08 FY09 FY10 3,995 0 998 2,997 722 455 455 455 455 455 455 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

DESCRIPTION

This project provides for the design and construction of habitat restoration or stabilization measures to stream reaches having severe channel erosion, sedimentation, habitat degradation, and flooding problems. Generally, project improvements are limited to short reaches of stream channels within, and downstream of, communities which were developed prior to the County's stormwater management law. Absent modern stormwater controls, the stream environment in these areas is impacted by excessive stream flow volumes and velocities which severely erode stream banks and cause excessive sedimentation, loss of tree cover along the banks, loss of habitat for fish and aquatic life, and/or local flooding damage. Damaged storm drain outfalls in project areas are identified, rated, and DPWT determines repair needs. Where possible, outfalls will be repaired as part of stream restoration projects and funded from the Outfall Repairs project. When feasible, outfall discharges are redirected to create small constructed wetlands which provide new habitat and mitigate discharge impacts.

Service Area

Countywide. JUSTIFICATION

The project will stabilize and improve local stream habitat conditions where streams have been damaged by inadequately controlled stormwater runoff. This project supports the Chesapeake Bay initiatives and the Anacostia Watershed Restoration Agreement, addresses County municipal NPDES stormwater discharge permit requirements, and implements the County's adopted water quality goals (Chapter 19, Article IV).

Plans and Studies

Watershed studies conducted under Facility Planning: SM identify and prioritize stream reaches in need of restoration and protection have been completed in Upper Paint Branch, Rock Creek, Little Falls Branch, Cabin John Creek, Hawlings River and Northwest Branch, and have identified over 250 potential stream restoration projects for future design and construction. The Countywide Stream Protection Strategy (CSPS) is used to target projects to priority subwatersheds based upon stream resource conditions and opportunities to improve or stabilize eroded or degraded stream habitat.

Specific Data

Corrective measures under this project include stream bank stabilization, channel modifications, and/or habitat restoration to better support fish and other biological resources, and reduce sediment and nutrient loading from excessive streambank erosion.

Cost Change

Increase due to the addition of FY09 and FY10 to this ongoing project.

STATUS

Ongoing. Phased project groupings planned for FY04-06 are as follows. Construction FY04: Sherwood Forest Tributary; Little Falls II, Dumont Oaks, Sycamore Creek, Joseph Branch, Turkey Branch, Upper Rock Creek (Stream Valley Drive), Gum Springs. Design FY04 and construction FY05: Glenmont Tributary; Coquelin Run; Lower Hawlings I, Alta Vista. Design FY05 and construction FY06 Booze Creek, Glenallan Tributary.

OTHER

Remedial project activities are primarily located in areas developed prior to the County's SWM law. *Expenditures will continue indefinitely.

EXPENDITURE DATA								
Date First Appropriation	FY73	(\$000)						
Initial Cost Estimate		1,200						
First Cost Estimate								
Current Scope	FY05	10,880						
Last FY's Cost Estimate		9,086						
Present Cost Estimate		10,880						
Appropriation Request	FY05	1,195						
Appropriation Request Est.	FY06	1,195						
Supplemental								
Appropriation Request	FY04	0						
Transfer		0						
Cumulative Appropriation		3,710						
Expenditures/								
Encumbrances		1,558						
Unencumbered Balance		2,152						
Partial Closeout Thru	FY02	3,894						
New Partial Closeout	FY03	596						
Total Partial Closeout		4,490						

COORDINATION

Department of Environmental Protection will provide overall project coordination and direction. Department of Public Works and Transportation will coordinate on damaged storm drain outfalls in project areas.

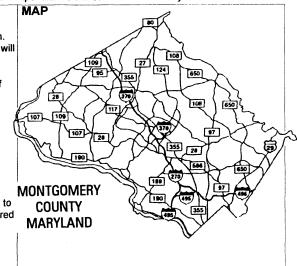
M-NCPPC will review design concepts as part of the mandatory referral process.

WSSC will coordinate protection of sewers as required.

Department of Permitting Services Montgomery County Conservation Corps assistance on small projects.

Facility Planning: SM Outfall Repairs

The Executive asserts that this project conforms to the requirements of relevant local plans as required by the Maryland Economic Growth, Resource Protection and Planning Act.



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